

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A syringe for dispensing a fluid susceptible to void formation when the syringe and the fluid are frozen and then thawed before dispensing, the syringe comprising:

a barrel comprising including a first opening, a second opening from which the fluid is dispensed, a sidewall having an inwardly facing surface between said first and second openings, a portion of said sidewall forming a reservoir including an inwardly-facing surface, to contain an amount of the fluid, and said inwardly facing surface of said sidewall portion forming said reservoir including a plurality of axially-extending grooves defined in said inwardly-facing surface, and a tapered region between said inwardly-facing surface and said second opening, said inwardly-facing surface and said axially-extending grooves configured to be contacted by the fluid, and said axially-extending grooves extending from approximately said first opening to approximately said tapered region effective to reduce void formation between said inwardly-facing surface forming said reservoir and the fluid.

2. (Previously Presented) The syringe of claim 1 wherein said inwardly-facing surface is centered about a longitudinal axis, and said grooves are aligned substantially parallel to said longitudinal axis.

3. (Previously Presented) The syringe of claim 1 wherein said grooves provide an average surface roughness greater than about 0.1 microns.
4. (Previously Presented) The syringe of claim 4 wherein said surface roughness is greater than about 2.5 microns.
5. (Original) The syringe of claim 4 wherein said surface roughness is between about 2.5 microns and about 5.1 microns.
6. (Currently Amended) The syringe of claim 1 wherein said sidewall ~~portion~~ has a flexibility and ~~[[the]]~~ said grooves provide a level of said surface roughness to cooperate with said flexibility of said sidewall portion to reduce void formation.
7. (Currently Amended) The syringe of claim 6 wherein said sidewall ~~portion~~ is formed from polypropylene, and said sidewall ~~portion~~ has a thickness ranging from about 0.019" and about 0.025".
8. (Currently Amended) The syringe of claim 6 wherein said flexibility depends upon a thickness of said sidewall ~~portion~~ and a material forming said sidewall ~~portion~~.

9. (Original) The syringe of claim 1 further comprising:

a pressure sleeve capable of being placed in a surrounding with said sidewall when the fluid filling said reservoir is dispensed.

10-17. (Cancelled)

18. (Currently Amended) The syringe of claim 1 wherein the inwardly-facing surface of said sidewall and said axially-extending grooves ~~includes~~ include surface features configured to increase the contact area of the inwardly-facing surface over which the inwardly-facing surface is ~~wetted~~ contacted by the fluid.

19. (Previously Presented) The syringe of claim 18 wherein the surface features comprise a texture.

20. (Previously Presented) The syringe of claim 19 wherein the surface texture provides an average surface roughness is greater than 0.1 microns.

21. (Previously Presented) The syringe of claim 20 wherein the surface roughness is from about 2.5 microns to about 5.1 microns.

22. (Currently Amended) The syringe of claim 1 further comprising:

a ~~frozen~~ fluid disposed within the reservoir.

23. (Previously Presented) The syringe of claim 1 wherein the grooves extend substantially along the length of the barrel.

24. (Previously Presented) The syringe of claim 1 wherein the grooves have one of the following cross-sectional profiles:

- a) double shaped
- b) rounded U
- c) squared U
- d) hemispherical
- e) elongated
- f) V-shaped
- g) rounded V-shaped
- h) crescent shaped, and
- I) I-shaped.

25. (Currently Amended) The syringe of claim 1 wherein the grooves have a cross-sectional profile that increases contact area of the surface over which the surface is ~~wetted~~ contacted by the fluid.

26. (Currently Amended) The syringe of claim 25 wherein the surface of the inwardly-facing surface of the said wall disposed between the grooves is textured to increase the contact area of the surface over which the surface is ~~wetted~~ contacted by the fluid.

27. (New) The syringe of claim 1 wherein said barrel includes a fluid outlet, and further comprising:

a piston disposed inside said barrel such that axially-extending grooves are located between said piston and said second opening while the syringe and the fluid are frozen.

28. (New) A method of using the syringe of claim 1, the method comprising:

filling the syringe with the fluid; and

freezing the syringe and the fluid.

29. (New) The method of claim 28 further comprising:

thawing the syringe and the fluid; and

dispensing the fluid, after thawing, from the second opening of the syringe.